



# BSNL Dark Fiber

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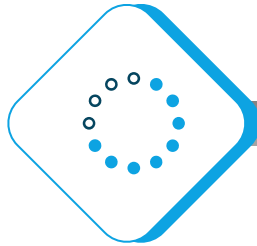
## What is Dark Fiber?



A Dark fiber is an **unused unlit optical fiber** can be leased for private use



Increasing AI workloads, cloud computing, IoT, and edge applications shared bottlenecks and ensure deterministic latency



Ideal for organizations that want to build **private, high-speed & secure networks** without deploying fresh infrastructure



Dark fiber enables **ultra high throughput** and **ultra low latency**, without dependence on telco switching or public networks

# Dark Fiber for Business

## Why does your business need Dark Fiber? (1/2)

1



### Full Network Control & Architecture Flexibility

- Full control over how fiber is lit, configures & operates
- Enables custom routing, encryption & monitoring policies
- Freedom to build custom Layer 2/Layer 3 networks
- Supports overlay networks like MPLS, IPsec, GRE, VXLAN

2



### TCO Optimisation for large enterprises

- Long-term **cost-efficient** model, esp. for high-data workloads
- Reduces costs of leased lines, managed WAN, and recurring data transport charges



# Dark Fiber for Business

## Why does your business need Dark Fiber? (2/2)

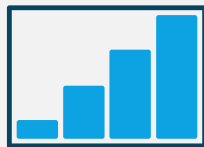
3



### Enhanced Security & Data Sovereignty

- Traffic remains on private, dedicated path
- No risk of packet inspection, interception or performance degradation
- Ideal for regulated industries: BFSI, healthcare etc.

4



### High-Volume, High-Density & Remote Applications

- Backbone connectivity for AI/ML, IoT backhaul, cloud-to-edge data sync
- Extends to places where managed leased lines aren't feasible or cost-efficient

# The BSNL Advantage: Scale, Trust and Service

Over  
**₹5,000 Cr**  
in enterprise  
revenue

Over  
**61,000**  
Enterprise  
branches under  
the Platinum  
category alone

- 1 Known for Trust and transparent (1:1) billing
- 2 Reliable connectivity partner offering resilient network



## Clients



## Why BSNL Dark Fiber?



BSNL is a **100% Government of India-owned** telecom company with a decades-long track record



**99.5% monthly uptime guarantee** for Dark Fiber service



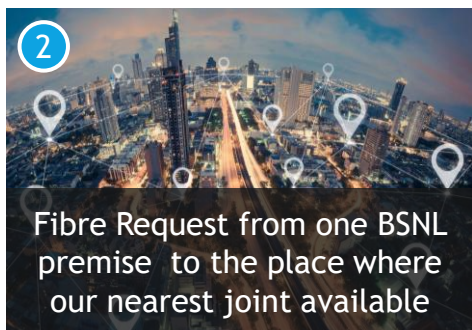
**Strict fault handling:** 2-hour dispatch, 12-hour full restoration, and 48-hour max downtime before alternate solution is mandatory



**Customizable offerings** to benefit from **BSNL's wide optical fiber footprint** for backhaul & broader connectivity

# BSNL offers Dark Fiber in four different ways, custom priced as per specific requirements

## BSNL leases dark fiber in 4 different ways



## Customizable offerings based on



### Lease duration



Long term lease



Short term lease



### Pricing



Distance



Location



Terms of SLA